STIC search results for case #10/725612

INVENTOR SEARCH – PATENTS

File 347:JAPIO Dec 1976-2005/Dec(Updated 060404)
(c) 2006 JPO & JAPIO
File 350:Derwent WPIX 1963-2006/UD,UM &UP=200642
(c) 2006 The Thomson Corp.

Set	Items	Description
S1	9	AU=(ASARE K? OR ASARE, K?)
S2	14	AU=(BARTA A? OR BARTA, A?)
S3	21	AU=(HUDDLESTON R? OR HUDDLESTON, R?)
S4	7	AU=(JEMIOLO D? OR JEMIOLO, D?)
S5	7	S1 AND S2 AND S3 AND S4
S6	3785986	APPLICATION? ? OR SOFTWARE? ? OR PROGRAM? ? OR COMPONENT? ?
S7	17134	S6(3N)(INSTALL??? OR INSTALLATION? ? OR DEPLOY??? OR DEPLOYMENT? ?)
S8	6	S1:S4 AND S7
S9	7	S5 OR S8

INVENTOR SEARCH – NPL

File 2:INSPEC 1898-2006/Jun W4
(c) 2006 Institution of Electrical Engineers
File 6:NTIS 1964-2006/Jun W4
(c) 2006 NTIS, Intl Cpyrght All Rights Res
File 8:Ei Compendex(R) 1970-2006/Jun W4
(c) 2006 Elsevier Eng. Info. Inc.
File 23:CSA Technology Research Database 1963-2006/Jun
(c) 2006 CSA.
File 34:SciSearch(R) Cited Ref Sci 1990-2006/Jun W4
(c) 2006 Inst for Sci Info
File 35:Dissertation Abs Online 1861-2006/Jun
(c) 2006 ProQuest Info&Learning
File 65:Inside Conferences 1993-2006/Jul 06
(c) 2006 BLDSC all rts. reserv.
File 94:JICST-EPlus 1985-2006/Apr W1
(c)2006 Japan Science and Tech Corp(JST)
File 95:TEME-Technology & Management 1989-2006/Jul W1
(c) 2006 FIZ TECHNIK
File 99:Wilson Appl. Sci & Tech Abs 1983-2006/Jun
(c) 2006 The HW Wilson Co.
File 111:TGG Natl.Newspaper Index(SM) 1979-2006/Jun 23

(c) 2006 The Gale Group
File 144:Pascal 1973-2006/Jun W2
(c) 2006 INIST/CNRS
File 239:Mathsci 1940-2006/Aug
(c) 2006 American Mathematical Society
File 256:TecInfoSource 82-2006/Aug
(c) 2006 Info.Sources Inc
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info

Set Items Description
S1 19 AU=(ASARE K? OR ASARE, K?)
S2 268 AU=(BARTA A? OR BARTA, A?)
S3 243 AU=(HUDDLESTON R? OR HUDDLESTON, R?)
S4 27 AU=(JEMIOLO D? OR JEMIOLO, D?)
S5 0 S1 AND S2 AND S3 AND S4
S6 13825830 APPLICATION? ? OR SOFTWARE? ? OR PROGRAM? ? OR COMPONENT? ?
S7 31872 S6(3N)(INSTALL??? OR INSTALLATION? ? OR DEPLOY??? OR DEPLO-
YMENT? ?)
S8 0 S1:S4 AND S7
S9 6 S1:S4 AND DEPENDENC???
S10 6 RD (unique items)
S11 38 S1:S4 AND (SOFTWARE OR APPLICATION? ?)
S12 27 RD (unique items)
S13 27 S12 NOT S10
S14 24 S13 NOT PY=2004:2006

[no results]

BIBLIOGRAPHIC PATENTS

File 347:JAPIO Dec 1976-2005/Dec(Updated 060404)
(c) 2006 JPO & JAPIO
File 350:Derwent WPIX 1963-2006/UD,UM &UP=200642
(c) 2006 The Thomson Corp.

Set Items Description
S1 3785986 APPLICATION? ? OR SOFTWARE? ? OR PROGRAM? ? OR COMPONENT? ?
S2 17134 S1(3N)(INSTALL??? OR INSTALLATION? ? OR DEPLOY??? OR DEPLO-
YMENT? ?)
S3 1950 S1(3N)(DEPENDENT OR DEPENDENCY OR DEPENDENCIES)
S4 17053 S1(3N)(COUPLE OR COUPLED OR COUPLING)
S5 2418 S1(3N)RELATIONSHIP? ?
S6 34190 (PLATFORM? ? OR SYSTEM? ?)(3N)(REQUIREMENT? ? OR REQUIR???
OR REQUISITE? ? OR PREREQUISITE? ? OR SETTING? ? ? OR CONFIGU-
RATION? ? OR SET()UP? ?)
S7 915 S6(3N)(CHECK??? OR TEST??? OR DETERMIN??? OR DETERMINATION

OR ENFORC??? OR ENFORCEMENT OR DISCOVER??? OR VERIFY??? OR VERIFIE? ? OR VERIFICATION OR VALIDAT???)

S8 87 S2(3N)(ABORT??? OR CEAS??? OR CESSATION OR STOP? ? OR STOPP??? OR QUIT? ? OR QUITTING OR CANCEL??? OR CANCELL??? OR CANCELLATION OR PROHIBIT??? OR INHIBIT??? OR TERMINAT???)

S9 238 S2 AND S3:S5

S10 1 S9 AND S7 AND S8

S11 27 S2 AND S7

S12 21 S11 NOT AD=20031202:20060706/PR

S13 21 S12 NOT S10

S14 87 S2 AND S8

S15 58 S2 AND S3

S16 56 S15 NOT (S10 OR S13)

S17 0 S16 AND S7

S18 5 S16 AND S6

S19 356 S1(3N)(DEPENDENCY OR DEPENDENCIES)

S20 27 S19 AND S2

S21 23 S20 NOT (S10 OR S13 OR S18)

S22 19 S21 NOT AD=20031202:20060706/PR

S23 1 S9 AND S8

S24 0 S23 NOT (S10 OR S13 OR S18 OR S21)

S25 1 S14 AND S15

S26 2 S14 AND S6

S27 1 S26 NOT (S10 OR S13 OR S18 OR S21 OR S23)

S28 1 S8 AND S3:S5

S29 32 S8 AND IC=G06F

S30 31 S29 NOT (S10 OR S13 OR S18 OR S21 OR S23)

S31 30 S30 NOT AD=20031202:20060706/PR

13/5/10 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014997672 **Image available**

WPI Acc No: 2003-058187/200305

Related WPI Acc No: 2002-113278

XRPX Acc No: N03-045203

Software dependency processing method in computer system, involves acquiring dependent software components associated with new software to be installed when that dependent components are not available within computer system

Patent Assignee: MICROSOFT CORP (MICT)

Inventor: FORBES J A; PARTHASARATHY S; SLIGER M V; STONE J D; TOUTONGHI M J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020144248	A1	20021003	US 9899570	A	19980619	200305 B
			US 200271526	A	20020208	

Priority Applications (No Type Date): US 9899570 A 19980619; US 200271526 A 20020208

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020144248	A1		20	G06F-009/44	Cont of application US 9899570

Cont of patent US 6381742

13/5/12 (Item 12 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2006 The Thomson Corp. All rts. reserv.

014581274 **Image available**
WPI Acc No: 2002-401978/200243
XRPX Acc No: N02-315127
Computer readable medium storing instructions for file installation in computer system, verifies existence of required file in computer system, based on which file installation is automatically performed
Patent Assignee: MICROSOFT CORP (MICT)
Inventor: ALTBERG E; CROCKRILL J C; HUSSEY T E
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
US 6353928 B1 20020305 US 99225028 A 19990104 200243 B

Priority Applications (No Type Date): US 99225028 A 19990104
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
US 6353928 B1 13 G06F-009/445

18/5/4 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2006 The Thomson Corp. All rts. reserv.

014269375 **Image available**
WPI Acc No: 2002-090073/200212
Related WPI Acc No: 2002-090072; 2002-090080; 2002-519700
XRPX Acc No: N02-066322
Virtual system configurator for client computer systems, where virtual system configuration software is implemented to execute a system upgrade with inter-component dependency checks and inter-component conflict resolving
Patent Assignee: ADUVA INC (ADUV-N)
Inventor: SEGAL H; SEGAL U; TEENI M; TE'ENI M
Number of Countries: 095 Number of Patents: 003
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
WO 200193021 A2 20011206 WO 2001IL210 A 20010305 200212 B
AU 200137704 A 20011211 AU 200137704 A 20010305 200225
AU 2001237704 A8 20051027 AU 2001237704 A 20010305 200624

Priority Applications (No Type Date): US 2000585685 A 20000601
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
WO 200193021 A2 E 35 G06F-009/00
Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW
AU 200137704 A G06F-009/00 Based on patent WO 200193021

AU 2001237704 A8 G06F-009/445 Based on patent WO 200193021

[****bad date but IBM, FYI****]
22/5/3 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2006 The Thomson Corp. All rts. reserv.

016888172 **Image available**
WPI Acc No: 2005-212456/200522
XRPX Acc No: N05-175690
Method for provisioning of software component through workflow management system, involves determining product dependency graph that identifies additional software components required by to-be- installed component as prerequisite components
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: LEYMANN F; ROLLER D
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
US 20050049906 A1 20050303 US 2004845536 A 20040513 200522 B

Priority Applications (No Type Date): EP 2003103270 A 20030902
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
US 20050049906 A1 13 G06F-017/60

22/5/5 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2006 The Thomson Corp. All rts. reserv.

016749367 **Image available**
WPI Acc No: 2005-073645/200508
XRPX Acc No: N05-063572
Computing application component deploying **method, involves defining** dependencies **by** components **that expose their** dependencies **to cooperating interface, and identifying files related with dependencies to generate deployable bundle**
Patent Assignee: MICROSOFT CORP (MICT); HASELDEN J K (HASE-I); SHARMA A (SHAR-I)
Inventor: HASELDEN J K; SHARMA A
Number of Countries: 037 Number of Patents: 005
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
US 20040261060 A1 20041223 US 2003600178 A 20030620 200508 B
EP 1492002 A2 20041229 EP 2004102561 A 20040607 200508
JP 2005011359 A 20050113 JP 2004183027 A 20040621 200508
KR 2004111162 A 20041231 KR 200445487 A 20040618 200528
CN 1573692 A 20050202 CN 200462863 A 20040621 200532

Priority Applications (No Type Date): US 2003600178 A 20030620
Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
US 20040261060 A1 13 G06F-009/44
EP 1492002 A2 E G06F-009/445
Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HR HU IE IT LI LT LU LV MC MK NL PL PT RO SE SI SK TR
JP 2005011359 A 16 G06F-009/445
KR 2004111162 A G06F-009/06
CN 1573692 A G06F-009/44

22/5/6 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2006 The Thomson Corp. All rts. reserv.

016740076 **Image available**
WPI Acc No: 2005-064373/200507
XRPX Acc No: N05-055812
Application **system** deploying **method, involves generating** application **system** installer **based on sub-installers and system dependency file, where** installer **programmatically** deploys application **system onto target system**
Patent Assignee: KLEMETT K J (KLEM-I); SALEM N U (SALE-I); SIERER B H (SIER-I); SOMMERVILLE J D (SOMM-I); WENDLAND W N (WEND-I)
Inventor: KLEMETT K J; SALEM N U; SIERER B H; SOMMERVILLE J D; WENDLAND W N
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
US 20040255291 A1 20041216 US 2003461206 A 20030613 200507 B

Priority Applications (No Type Date): US 2003461206 A 20030613
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
US 20040255291 A1 63 G06F-009/445

31/5/3 (Item 3 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2006 JPO & JAPIO. All rts. reserv.

07187329 **Image available**
COPY PROTECT SYSTEM

PUB. NO.: 2002-055728 [JP 2002055728 A]
PUBLISHED: February 20, 2002 (20020220)
INVENTOR(s): KAMIYA AKIKATSU
OKADA JUNICHI
APPLICANT(s): KAMIYA AKIKATSU
MSA KK
APPL. NO.: 2000-241820 [JP 2000241820]
FILED: August 09, 2000 (20000809)
INTL CLASS: **G06F-001/00** ; **G06F-012/14**

ABSTRACT

PROBLEM TO BE SOLVED: To prevent software from being installed or program-executed in any computer other than a scheduled computer.

SOLUTION: For example, software S-W to be installed is provided with one distribution version information selected from plural distribution versions. At the time of distributing software, a distribution version selecting means 12 makes specific information I-INF of a user computer 11 correspond to one of the distribution versions. Then, the software S-W of the selected distribution version is distributed to a user. At the time of install software, an illegal copy judging program UCDP judges whether or not the specific information I-INF of the computer 11 in which the software is installed corresponds to the distribution version of the software S-W. When it is judged that the specific information I-INF does not correspond to the distribution version, the **installation** of the **software** S-W is **stopped**.

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31/5/19 (Item 11 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2006 The Thomson Corp. All rts. reserv.

014674921 **Image available**
WPI Acc No: 2002-495625/200253
XRPX Acc No: N02-392189
Information processor stops **execution of installer** program **when version of** installer program **is not in accord with version of installed modules**
Patent Assignee: SONY CORP (SONY)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
JP 2002157122 A 20020531 JP 2000354963 A 20001121 200253 B

Priority Applications (No Type Date): JP 2000354963 A 20001121
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
JP 2002157122 A 19 G06F-009/445

31/5/21 (Item 13 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2006 The Thomson Corp. All rts. reserv.

014428720 **Image available**
WPI Acc No: 2002-249423/200230
XRPX Acc No: N02-193824
Copyright protection system e.g. for software allows software installation only when version of software and intrinsic information of computer have predefined correspondence
Patent Assignee: KAMIYA A (KAMI-I); MSA KK (MSAM-N)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No Kind Date Applicat No Kind Date Week
JP 2002055728 A 20020220 JP 2000241820 A 20000809 200230 B

Priority Applications (No Type Date): JP 2000241820 A 20000809
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
JP 2002055728 A 9 G06F-001/00

Abstract (Basic): JP 2002055728 A

NOVELTY - A version specifying unit (12) designates a version of the software corresponding to an intrinsic information (INF) of a computer. During installation of a software, a judging unit judges whether the software version and the computer information correspond mutually using a version judgment program (VCDP). When there is no correspondence, the **software installation is stopped.**

USE - For copyright protection of software to be installed in computer.

ADVANTAGE - Only the designated software is installed on the computer, hence unauthorized usage of the software is prevented.

DESCRIPTION OF DRAWING(S) - The figure shows the copyright protection system. (Drawing includes non-English language text).

Version specifying unit (12)

pp; 9 DwgNo 2/6

Title Terms: PROTECT; SYSTEM; SOFTWARE; ALLOW; SOFTWARE; INSTALLATION; VERSION; SOFTWARE; INTRINSIC; INFORMATION; COMPUTER; PREDEFINED; CORRESPOND
Derwent Class: T01
International Patent Class (Main): **G06F-001/00**
International Patent Class (Additional): **G06F-012/14**
File Segment: EPI

FULL-TEXT PATENTS

File 348:EUROPEAN PATENTS 1978-2006/ 200627
(c) 2006 European Patent Office
File 349:PCT FULLTEXT 1979-2006/UB=20060629,UT=20060622
(c) 2006 WIPO/Univentio

Set Items Description
S1 2852399 APPLICATION? ? OR SOFTWARE? ? OR PROGRAM? ? OR COMPONENT? ?
S2 30305 S1(3N)(INSTALL??? OR INSTALLATION? ? OR DEPLOY??? OR DEPLOYMENT? ?)
S3 1217 S1(3N)(DEPENDENCY OR DEPENDENCIES)
S4 28022 S1(3N)(COUPLE OR COUPLED OR COUPLING)
S5 10440 S1(3N)RELATIONSHIP? ?
S6 152565 (PLATFORM? ? OR SYSTEM? ?)(3N)(REQUIREMENT? ? OR REQUIR??? OR REQUISITE? ? OR PREREQUISITE? ? OR SETTING? ? ? OR CONFIGURATION? ? OR SET()UP? ?)
S7 4798 S6(3N)(CHECK??? OR TEST??? OR DETERMIN??? OR DETERMINATION OR ENFORC??? OR ENFORCEMENT OR DISCOVER??? OR VERIFY??? OR VE-

RIFIE? ? OR VERIFICATION OR VALIDAT???)
S8 212 S2(3N)(ABORT??? OR CEAS??? OR CESSATION OR STOP? ? OR STOP-P??? OR QUIT? ? OR QUITTING OR CANCEL??? OR CANCELL??? OR CANCELLATION OR PROHIBIT??? OR INHIBIT??? OR TERMINAT???)
S9 239 S2(20N)S3:S5
S10 4 S9(100N)S7
S11 0 S9(100N)S8
S12 111 S2(100N)S3
S13 8 S12(100N)S7
S14 6 S13 NOT S10
S15 4 S14 NOT AD=20031202:20060706/PR
S16 0 S12(100N)S8
S17 53 S2(10N)S3
S18 51 S17 NOT (S10 OR S14)
S19 48 S18 AND IC=G06F
S20 43 S19 NOT AD=20031202:20060706/PR
S21 19 S20 AND SCRIPT???
S22 0 S8(100N)S3:S5
S23 4 S9(100N)S7
S24 16 S8(100N)(PACKAGE OR APPLICATION)(3N)MANAGEMENT
S25 14 S24 NOT (S10 OR S14 OR S21 OR S23)
S26 13 S25 NOT AD=20031202:20060706/PR

21/3,K/7 (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01068386 **Image available**
APPARATUS FOR DISCOVERING COMPUTING SERVICES ARCHITECTURE AN DEVELOPING
PATTERNS OF COMPUTING SERVICES AND METHOD THEREFOR
DISPOSITIF POUR DECOUVRIR L'ARCHITECTURE DE SERVICES INFORMATIQUES ET
DEVELOPPER DES FORMES DE SERVICES INFORMATIQUES ET PROCEDE ASSOCIE
Patent Applicant/Assignee:
AGENCY FOR SCIENCE TECHNOLOGY AND RESEARCH, 10 Science Park Road, #01/01-03, 117684 Singapore, SG, SG (Residence), SG (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
VICTORIA Emarson, Block 367, Woodlands Avenue 5, #10-456, Singapore 730367, SG, SG (Residence), LK (Nationality), (Designated only for: US)
TSENG Hui Ming Jason, Block 39 Telok Blangah Rise, #19-343, Singapore 090039, SG, SG (Residence), SG (Nationality), (Designated only for: US)
PANG Hwee Hwa, 201 Tanjong Rhu Road, #15-11, Singapore 436917, SG, SG (Residence), SG (Nationality), (Designated only for: US)
CHAM Tau Chen, Block 750, 73 Jurong West Street, #05-157, Singapore 640750, SG, SG (Residence), SG (Nationality), (Designated only for: US)
TAY Siew Choo, Block 205 A, Compassvale Lane, #10-47, Singapore 541205, SG, SG (Residence), SG (Nationality), (Designated only for: US)
Legal Representative:
AXIS INTELLECTUAL CAPITAL PTE LTD (agent), 21A Duxton Road, Singapore 089487, SG,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200398451 A1 20031127 (WO 0398451)

Application: WO 2003SG113 20030516 (PCT/WO SG0300113)
Priority Application: SG 200295 20020516; SG 2002110 20020603
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 11379
Main International Patent Class (v7): **G06F-013/10**
Fulltext Availability:
Detailed Description

English Abstract
...embodiment of the invention, provides a graphical user interface for displaying a deployment plan of **deployed** computing services. **Components** in the **deployment** plan are interconnected by links indicating **dependency** relationships between the **components** . Each component and link is assigned a confidence value, which is based on a calculated...

Detailed Description
... embodiment of the invention, provides a graphical user interface for displaying a deployment plan of **deployed** computing services. **Components** in the **deployment** plan are interconnected by links indicating **dependency** relationships between the **components** . Each component and link is assigned a confidence value, which is based on a calculated...

...The component history 314 tracks the current and past configuration the component described by the **component** profile 300 is **deployed** upon. The **component** history 314 further reflects the **dependency** of other **components** 202 in the host system 102 on the component. The component history 314 is further...

...of component
profile repositories, for example, web-site repositories.

Each discovery proxy specifies either discovery- **scripts** for self-constructing (or selfdiscovering) the profile of a corresponding deployed component or a link...
...when reconstructing the profile of the corresponding deployed component. The information discovered by the discovery- **scripts** associated with the discovery proxy is compiled to provide a component profile, wherein the management...

...5 component is arranged according to the framework of the component profile 300.

The discovery- **scripts** are platform-dependent or platform-independent **scripts** , which are executed during the detection and extraction step 404 as described hereinafter.

Existing software...

...such as source-code-level and binary-level analysis can be incorporated into the discovery **scripts** , depending on the granularity of extraction and level of understanding of the deployed components needed and difficulties in discovering the information. The discovery- **scripts** can also serve as additional discovery hints to enhance the detection and extraction process.

Thus...
...explicit instructions to drive and guide the detection and extraction process. Examples of the discovery- **scripts** include.

Component Detection discovery- **script** - used for detecting the presence of the
deployed component;
Configuration Extraction discovery- **script** - used for extracting configuration
information of the deployed component upon detection thereof;
- Contract Extraction discovery- **script** - used for extracting dependencies and
contract information of the deployed component upon detection thereof-,
Self-construct discovery- **script** - used in self-constructing discovery proxies
and when executed performs component detection, property extraction and
...

...deployed component in
accordance with the framework of the component profile 300; and
Service discovery- **script** - used for discovering complete services that may be
composed of multiple deployed components, thus, performing...
...the deployed components. The step 404 comprises three sub-steps.

(i) detecting the presence of **deployed components** ;
(ii) extracting detected component configuration; and
(iii) determining detected **component dependencies** .

In the sub-step (i), a component corresponding to a specified component profiles in the...

...fully or partially in the existing filesystem or a key in a system registry.

Discovery- **script** Component Detection Test. For discovery proxies or component profiles with discovery- **scripts** , executing the component detection discovery- **scripts** returns a COMPONENT-DETECTED or COMPONENT-NOT-DETECTED result.

Using a simple conditional probability, which...

...to be extracted from the detected components.

For discovery proxies or component profiles with discovery- **scripts** , the extraction process is performed by executing the configuration extraction discovery- **script** therein. Otherwise, if configuration files are detected in the sub-step (i), partial matching of...

...extracted, the dependency relationship is deemed invalid.

For discovery proxies or component profiles with discovery- **scripts** , the contract extraction discovery- **script** is used for extracting contract information from the detected components. If there are no discovery- **scripts** and if configuration files are detected for the components having the same...dynamically adjustable or by having an adaptive or self-learning detection process. Altematively, specific discovery- **scripts** are needed to accurately detect specific components.

Under-detection is typically detection misses that occur...

...can be addressed by fine-tuning or relaxing the detection conditions and weights. Alternatively, discovery- **scripts** can be used to accurately detect the deployed components. The third factor can be addressed...

...self-construct a component profile from the discoveries made by the execution of the discovery- **scripts** therein. Alternatively, a component profile can be recreated in a conventional manual way by describing...

...I 0
Discovely Tools
Discovery tools are provided for manipulating components 610 and links 612 (**dependency** relationships) between the **components** 610 in a **deployment** plan to provide confidence values for the components 610 and links 612 as close to...

21/3,K/10 (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00945825 **Image available**
COMPONENT-BASED SOFTWARE DISTRIBUTION AND DEPLOYMENT
DISTRIBUTION ET DEPLOIEMENT DE LOGICIELS BASES SUR DES COMPOSANTS
Patent Applicant/Assignee:
BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, 81 Newgate Street, London EC1A 7AJ, GB, GB (Residence), GB (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
KHAN Kashaf Naseer, 72 Manor Road, Martlesham Heath, Ipswich, Suffolk IP5 3SY, GB, GB (Residence), GB (Nationality), (Designated only for: US)
SMITH Alan Philip, 12 Ernleigh Road, Ipswich, Suffolk IP4 5LU, GB, GB (Residence), GB (Nationality), (Designated only for: US)
BAPPU Benjamin, 10 Blackthorne Close, Purdis Farm, Ipswich, Suffolk IP3 8SR, GB, GB (Residence), SG (Nationality), (Designated only for: US)
SEE Jean Wei Chyi, 10 Blackthorne Close, Purdis Farm, Ipswich, Suffolk IP3 8SR, GB, GB (Residence), SG (Nationality), (Designated only for:

US)
RUDKIN Steven, 52 Corder Road, Ipswich, Suffolk IP4 2XD, GB, GB
(Residence), GB (Nationality), (Designated only for: US)
PAPAMARGARITIS George, 4 Warren Lane, Ipswich, Suffolk IP5 3SH, GB, GB
(Residence), GR (Nationality), (Designated only for: US)
Legal Representative:
ROBINSON Simon Benjamin (agent), BT Group Legal Services, Intellectual Property Department, Holborn Centre, 8th Floor, 120 Holborn, London EC1N 2TE, GB,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200279987 A1 20021010 (WO 0279987)
Application: WO 2002GB1167 20020314 (PCT/WO GB0201167)
Priority Application: EP 2001302895 20010328
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 7567
Main International Patent Class (v7): **G06F-009/54**
Fulltext Availability:
Detailed Description

Detailed Description
... file has been
downloaded, it is passed to a Component Downloader 42 which checks which **components** are already **installed** on the local computer, and which **components** and their **dependencies** remain to be installed. The descriptor of each co' onent service ...uses them, along with input session attributes from the SAF, to product an Executable Application **Script** 48. Finally, this is converted by an Application Builder 50 into a Running Application 52

BIBLIOGRAPHIC NPL

File 8:Ei Compendex(R) 1970-2006/Jun W4
(c) 2006 Elsevier Eng. Info. Inc.
File 23:CSA Technology Research Database 1963-2006/Jun
(c) 2006 CSA.
File 35:Dissertation Abs Online 1861-2006/Jun

(c) 2006 ProQuest Info&Learning
File 65:Inside Conferences 1993-2006/Jul 06
(c) 2006 BLDSC all rts. reserv.
File 2:INSPEC 1898-2006/Jun W4
(c) 2006 Institution of Electrical Engineers
File 94:JICST-EPlus 1985-2006/Apr W1
(c)2006 Japan Science and Tech Corp(JST)
File 95:TEME-Technology & Management 1989-2006/Jul W1
(c) 2006 FIZ TECHNIK
File 111:TGG Natl.Newspaper Index(SM) 1979-2006/Jun 23
(c) 2006 The Gale Group
File 6:NTIS 1964-2006/Jun W4
(c) 2006 NTIS, Intl Cpyrght All Rights Res
File 144:Pascal 1973-2006/Jun W2
(c) 2006 INIST/CNRS
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info
File 34:SciSearch(R) Cited Ref Sci 1990-2006/Jun W4
(c) 2006 Inst for Sci Info
File 99:Wilson Appl. Sci & Tech Abs 1983-2006/Jun
(c) 2006 The HW Wilson Co.
File 20:Dialog Global Reporter 1997-2006/Jul 06
(c) 2006 Dialog
File 256:TecInfoSource 82-2006/Aug
(c) 2006 Info.Sources Inc

Set Items Description
S1 21331009 APPLICATION? ? OR SOFTWARE? ? OR PROGRAM? ? OR COMPONENT? ?
S2 169968 S1(3N)(INSTALL??? OR INSTALLATION? ? OR DEPLOY??? OR DEPLOYMENT? ?)
S3 4595 S1(3N)(DEPENDENCY OR DEPENDENCIES)
S4 38552 S1(3N)(COUPLE OR COUPLED OR COUPLING)
S5 52408 S1(3N)RELATIONSHIP? ?
S6 400832 (PLATFORM? ? OR SYSTEM? ?)(3N)(REQUIREMENT? ? OR REQUIR??? OR REQUISITE? ? OR PREREQUISITE? ? OR SETTING? ? ? OR CONFIGURATION? ? OR SET()UP? ?)
S7 14381 S6(3N)(CHECK??? OR TEST??? OR DETERMIN??? OR DETERMINATION OR ENFORC??? OR ENFORCEMENT OR DISCOVER??? OR VERIFY??? OR VERIFIE? ? OR VERIFICATION OR VALIDAT???)
S8 252 S2(3N)(ABORT??? OR CEAS??? OR CESSATION OR STOP? ? OR STOPP??? OR QUIT? ? OR QUITTING OR CANCEL??? OR CANCELL??? OR CANCELLATION OR PROHIBIT??? OR INHIBIT??? OR TERMINAT???)
S9 4003 S2 AND S3:S5
S10 0 S9 AND S7 AND S8
S11 5 S9 AND S7
S12 5 RD (unique items)
S13 4 S12 NOT PY=2004:2006
S14 1 S9 AND S8
S15 226 S2 AND S3
S16 0 S15 AND S7
S17 26 S15 AND S6
S18 24 RD (unique items)
S19 24 S18 NOT (S12 OR S14)
S20 10 S19 NOT PY=2004:2006
S21 0 S15 AND S8
S22 40 S2(5N)S3

S23 33 RD (unique items)
S24 28 S23 NOT (S12 OR S14 OR S19)
S25 16 S24 NOT PY=2004:2006
S26 252 S2 AND S8
S27 8 S26 AND S6
S28 8 RD (unique items)
S29 8 S28 NOT (S12 OR S14 OR S19 OR S24)
S30 6 S29 NOT PY=2004:2006

FULL-TEXT NPL

```
File  88:Gale Group Business A.R.T.S. 1976-2006/Jun 26
         (c) 2006 The Gale Group
File 369:New Scientist 1994-2006/Jun W4
         (c) 2006 Reed Business Information Ltd.
File 160:Gale Group PROMT(R) 1972-1989
         (c) 1999 The Gale Group
File 635:Business Dateline(R) 1985-2006/Jul 07
         (c) 2006 ProQuest Info&Learning
File  15:ABI/Inform(R) 1971-2006/Jul 07
         (c) 2006 ProQuest Info&Learning
File  16:Gale Group PROMT(R) 1990-2006/Jul 06
         (c) 2006 The Gale Group
File   9:Business & Industry(R) Jul/1994-2006/Jul 06
         (c) 2006  The Gale Group
File  13:BAMP 2006/Jun W4
         (c) 2006  The Gale Group
File 810:Business Wire 1986-1999/Feb 28
         (c) 1999 Business Wire
File 610:Business Wire 1999-2006/Jul 07
         (c) 2006 Business Wire.
File 647:CMP  Computer Fulltext 1988-2006/Aug W1
         (c) 2006 CMP Media, LLC
File  98:General Sci Abs 1984-2005/Jan
         (c) 2006 The HW Wilson Co.
File 148:Gale Group Trade & Industry DB 1976-2006/Jul 04
         (c)2006 The Gale Group
File 634:San Jose Mercury  Jun 1985-2006/Jul 05
         (c) 2006 San Jose Mercury News
File 275:Gale Group Computer DB(TM) 1983-2006/Jul 06
         (c) 2006 The Gale Group
File  47:Gale Group Magazine DB(TM) 1959-2006/Jul 05
         (c) 2006 The Gale group
File  75:TGG Management Contents(R) 86-2006/Jun W4
         (c) 2006 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2006/Jul 06
         (c) 2006 The Gale Group
File 624:McGraw-Hill Publications 1985-2006/Jul 07
         (c) 2006 McGraw-Hill Co. Inc
File 484:Periodical Abs Plustext 1986-2006/Jul W1
         (c) 2006 ProQuest
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File 613:PR Newswire 1999-2006/Jul 07
         (c) 2006 PR Newswire Association Inc
File 813:PR Newswire 1987-1999/Apr 30
         (c) 1999 PR Newswire Association Inc
File 141:Readers Guide 1983-2006/Jun
         (c) 2006 The HW Wilson Co
File 370:Science 1996-1999/Jul W3
         (c) 1999 AAAS
File 696:DIALOG Telecom. Newsletters 1995-2006/Jul 05
         (c) 2006 Dialog
File 553:Wilson Bus. Abs. 1982-2006/Jul
         (c) 2006 The HW Wilson Co
File 621:Gale Group New Prod.Annou.(R) 1985-2006/Jul 05
         (c) 2006 The Gale Group
File 674:Computer News Fulltext 1989-2006/Jun W2
         (c) 2006 IDG Communications

Set     Items   Description
S1   22211234   APPLICATION? ? OR SOFTWARE? ? OR PROGRAM? ? OR
COMPONENT? ?
S2     695642   S1(3N)(INSTALL??? OR INSTALLATION? ? OR DEPLOY??? OR
DEPLO-
             YMENT? ?)
S3       6221   S1(3N)(DEPENDENCY OR DEPENDENCIES)
S4      40142   S1(3N)(COUPLE OR COUPLED OR COUPLING)
S5     142020   S1(3N)RELATIONSHIP? ?
S6     640196   (PLATFORM? ? OR SYSTEM? ?)(3N)(REQUIREMENT? ? OR
REQUIR???
             OR REQUISITE? ? OR PREREQUISITE? ? OR SETTING? ? ? OR
CONFIGU-
             RATION? ? OR SET()UP? ?)
S7      19253   S6(3N)(CHECK??? OR TEST??? OR DETERMIN??? OR
DETERMINATION
             OR ENFORC??? OR ENFORCEMENT OR DISCOVER??? OR VERIFY??? OR
VE-
             RIFIE? ? OR VERIFICATION OR VALIDAT???)
S8       1027   S2(3N)(ABORT??? OR CEAS??? OR CESSATION OR STOP? ? OR
STOP-
             P??? OR QUIT OR QUITS OR QUITTING OR CANCEL??? OR
CANCELL??? -
             OR CANCELLATION OR PROHIBIT??? OR INHIBIT??? OR
TERMINAT???)
S9       6895   S2(100N)S3:S5
S10         0   S9(100N)S7(100N)S8
S11         1   S9(100N)S7
S12         0   S9(100N)S8
S13       109   S9(100N)S6
S14        57   RD  (unique items)
S15        66   S9(50N)S6
S16        35   RD  (unique items)
S17        28   S16 NOT PY=2004:2006
S18       610   S2(100N)S3
S19       270   S2(10N)S3
S20       134   S2(3N)S3
S21        70   RD  (unique items)
S22        66   S21 NOT (S11 OR S16)
S23        44   S22 NOT PY=2004:2006
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S24     243132    (PACKAGE OR APPLICATION)(3N)MANAGEMENT
S25       2934    DEPENDENC???(3N)(ANALYSIS OR ENUMERATION OR DISCOVERY
OR S-
              CAN? ? OR SCANNING)
S26          4    S23(100N)S24:S25
S27         24    S25(20N)S2
S28         11    RD  (unique items)
S29         11    S28 NOT (S11 OR S16 OR S26)
S30          8    S29 NOT PY=2004:2006
S31          0    S8(10N)S7
S32          0    S8(50N)S7
S33          7    S8(10N)S6
S34          3    RD  (unique items)
```

26/3,K/3 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2006 The Gale Group. All rts. reserv.

15449096 SUPPLIER NUMBER: 97451308 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Revisions Extend Linux's Reach.(SuSE Linux's SuSE Linux Office Desktop)(Software Review)(Product/Service Evaluation)
eWeek, NA
Feb 10, 2003
DOCUMENT TYPE: Product/Service Evaluation ISSN: 1530-6283
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 1563 LINE COUNT: 00125

... but not for much else. Alternatively, there's RPM (RedHat Package Manager) a command-line **package management** tool with which you can do pretty much anything, once you've mastered it. However...

...the more effective tool. With it, we were able to search for packages, sort through **software dependencies**, and make **installation** and update decisions based on the information we found.
We also liked SuSE's facility...

30/3,K/2 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2006 The Gale Group. All rts. reserv.

05074515 Supplier Number: 47449412 (USE FORMAT 7 FOR FULLTEXT)
RadiSys and Intrinsyc announce embedded software alliance.
Business Wire, p06090338
June 9, 1997
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 860

... applications."
Intrinsyc Integration Expert (IX)
Intrinsyc's Integration Expert assists developers in the creation and **deployment** of minimal footprint **applications**. The key features of IX

include automatic application **dependency analysis**, source code profiling, OS configuration and target generation. The analysis is dynamic, requires no source...